

Reg # 8378-36

PM-12

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 8378-36	DATE OF ISSUANCE April 5, 1993
	TERM OF ISSUANCE Until Reregistration	
	NAME OF PESTICIDE PRODUCT Shaw's Sevin 143 Brand Carbaryl Insecticide Turf Insect Granules	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Knox Fertilizer Company, Inc.
 P.O. Box 248
 Knox, IN 46534

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase EPA Registration No. "8378-36" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Enclosure

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Dennis H. Edwardoff

DATE

4/5/93



SEVIN[®] 143

brand carbaryl insecticide

TURF INSECT GRANULES

FOR HOME LAWNS, COMMERCIAL & RECREATIONAL TURF
CONTROLS FIRE ANTS - FOR TICKS THAT VECTOR LYME DISEASE

ACTIVE INGREDIENT: Carbaryl 1-Naphthyl N-methylcarbamate 1.43%
INERT INGREDIENTS: 98.57%
Total 100.00%

1 pound treats up to 300 sq. ft.

KEEP OUT OF REACH OF CHILDREN CAUTION

"PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que le expliquen como aplicarlo correctamente"

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or weakling person.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. Apply Artificial Respiration if indicated. Get medical attention.

NOTE TO PHYSICIAN: Carbaryl is a moderate reversible cholinesterase inhibitor. Atropine is antidote.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION: Harmful if swallowed or inhaled. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling and before eating or smoking. Change to clean clothing daily. Do not contaminate food or feedstuffs.

NOTE TO PHYSICIAN: Carbaryl is a moderate reversible cholinesterase inhibitor. Atropine is antidote.

ENVIRONMENTAL HAZARDS
This product is extremely toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift coming crops or weeds if bees are visiting treated areas.

DIRECTIONS FOR USE
Violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
STORAGE: Keep out of reach of children and animals. Store in original container only. Store in a cool, dry place and avoid excess heat. Carefully open container in case of spill. Avoid contact. Treatise areas and keep out animals and unprotected persons. Confine spills. PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. CONTAINER DISPOSAL: Do not reuse empty bag. Completely empty bag into equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

GENERAL DIRECTIONS

FOR LAWNS, ORNAMENTAL & RECREATIONAL TURF
Use when insects first appear and/or plant damage is imminent. When 2 rates are recommended use the lower for light infestations and the highest rate for heavy insect infestations. For best results, mow lawn first and then apply material. After application apply 1/4 inch water to the treated area to wash insecticide into the grass. *See watering limitations for Sod Webworms. Keep children and pets off treated area until grass is dry. Repeat applications may be made as needed for control of new insect infestations.

SURFACE FEEDING INSECTS

FOR ANTS, ARMYWORMS, CENTIPEDES, CHOGGERS, CUTWORMS, EARWIGS, FALL ARMYWORMS, FIERY SKIPPERS, GRASSHOPPERS, JUNE BEETLES, LEAFHOPPERS, MILLIPEDES, SOW BUGS, SPITTLE BUGS, SPRINGTAILS, TICKS, AND YELLOWSTRIPED ARMYWORMS

Apply 1 pound to treat 315 sq. ft. (1/2 lb./1,000 sq. ft.) when insects become a problem or their damage is imminent. This is equivalent to 2 lb. A1 carbaryl per acre. Refer to GENERAL DIRECTIONS.

FOR CHINCH BUGS AND SOD WEBWORMS

Apply 1 pound to treat 315 sq. ft. (1/2 lb./1,000 sq. ft.) of turf which is equal to 2 lb. A1 carbaryl per acre. For Chinch Bugs treat entire area to prevent their migration. *For Sod Webworms do not irrigate treated areas for 24 to 48 hours after treatment. Repeat applications may be made at 30 day intervals or as needed for control of new insect infestations. For heavy infestations increase application rate to 5.4 lb. per 1,000 sq. ft. and treat the entire area.

EPA Reg. No. 8378- EPA Est. No. 8378-IN-1
Net Weight 18 Pounds

ROOT FEEDING INSECTS

FOR CONTROL OF WHITE GRUBS (SUCH AS JAPANESE BEETLE, CHAFER BEETLES, AND PHYLLOPHAGA spp. LARVAE), BLUEGRASS BILLBUGS, FLEAS, EUROPEAN CRANE FLY LARVAE, MOLE CRICKETS AND BLACK TURFORESS ATAENUS
Apply 5.4 lb. to 12.7 lb. per 1,000 sq. ft. of turf area (equal to 4 to 8 lb. A1 per Acre) during late March through May or July to early September when Grubs are feeding near the soil surface or as recommended by local agricultural extension agents. See instructions in GENERAL DIRECTIONS paragraph Water or irrigate turf thoroughly soon after treatment to move the insecticide into the root feeding zone. For CRANE FLY LARVAE apply at the same rate in early spring, April 1 to April 15th or as recommended by the local Extension Service. Irrigate area after treatment to move granules into root feeding zone. A repeat treatment may be required for Male Crickets.

FOR FLOWERING PLANTS and SHRUBS IN LANDSCAPE and FOUNDATION PLANTINGS

For CUTWORMS, ARMYWORMS, SOWBUGS, MILLIPEDES and CENTIPEDES which attack ornamental and flowering plants in shrubbery and foundation plantings apply 5.4 lb. granules evenly over 1,000 sq. ft. (20' x 50') Repeat as needed for control up to 3 times per year.

TREAT LAWNS AND PERIMETER WOODED AREAS FOR CONTROL OF TICKS THAT VECTOR "LYME DISEASE"

For control of juvenile and adult Ixodes spp. (Deer Tick and Black Legged Tick) and Amblyomma spp. ticks (Lone Star Ticks) which vector LYME disease. Apply granules at the rate of 5.4 lb. to 12.7 lb. of product per 1,000 sq. ft. with appropriate equipment to ensure uniform coverage. Target applications to control juvenile ticks (larvae and nymphs) in late spring or early summer (May/June). Control of adult ticks can be achieved with late summer and fall applications (Aug/Sept.) Make applications to lawn, shrub beds, ornamental plantings, wooded areas and around outside perimeters of home and other buildings. Do not make spot applications. Treat entire lawn and perimeter wooded areas and properly boundaries where exposure to ticks may occur. For optimum results, irrigate treated areas after application to remove chemical from the granules. Ticks may be reintroduced from surrounding areas on host animals. Retreat as necessary to maintain adequate control levels.

NUISANCE PEST CONTROL AROUND THE OUTSIDE OF HOMES, PORCHES, PATIOS AND BUILDINGS

For control of Ants, Armyworms, Ticks, Chinch Bugs, Carpet Beetles, Earwigs, Fleas and Silverfish, Flea Millipedes, Sawflies, Scorpions and Spiders. Apply granules uniformly in an 8 foot band around the building. Apply granules at the rate of 1 pound per 315 sq. ft. to shrub and/or flower beds, foundations, ornamental plantings and lawn and patios immediately adjacent to the building. For most effective control treated areas should be lightly watered after application to remove the chemical from the granules. Repeat treatment as necessary to control new infestations.

FIRE ANT CONTROL MOUND TREATMENT

For control of Fire Ants in mounds occurring in lawns, turf and grounds areas apply 3 to 4 cups (12 to 15 tablespoons) of granules over and around each mound. Then gently sprinkle the treated areas with about 1 gallon of water to release the chemical from the granules. Do not wash granules away from mound. For best results apply in cool weather (65° to 80° or early morning or late afternoon). Retreat new mounds as they may appear.

Spreader	SPREADER SETTINGS			
	Pounds of Product to use per 1,000 Sq Ft.			
	3.25 lb.	6.5 lb.	9.75 lb.	12.75 lb.
Cyclone B1	3.25	4	5	6.5
Scott Rotary R-8	C	D 1/2	E	G
Scott Drop Spreader	5	6	7	7.5

GUARANTEED FERTILIZER ANALYSIS
Total Nitrogen (N) 22%
Insoluble Phosphate Acid (P₂O₅) 16%
Soluble Potash (K₂O) 0%
Inert Matter (Sulfur, Urea, Bitter Control Unit, Ammoniacal Phosphate, Moisture of Pesticide)

NOTICE: This product conforms to its chemical description and to its reasonably safe for the purposes stated on the label when used in accordance with directions on the label. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under abnormal conditions, or under abnormal conditions not reasonably foreseeable to the manufacturer and/or seller, and buyer assumes the risk of any such use.
Sevin is the Registered Trade Mark of Rhone-Poulenc Nederland BV for Carbaryl Insecticide (E.C.A.R.143 F.M.12-18-69)

KNOX FERTILIZER COMPANY
P.O. BOX 248 - KNOX, IN 46534

APR - 5 1993
Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under EPA Reg.